



Department of Defense Green Procurement Program and Biobased Products

Environment, Energy, and Sustainability Symposium

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Mr. David Asiello

***Office of the Deputy Under Secretary of
Defense (Installation & Environment)***

Ms. Sandy Ross

***Office of the Deputy Under Secretary of
Defense (Acquisition, Technology &
Logistics)/Defense Procurement and
Acquisition Policy***

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Presentation Overview



- **Green Procurement Overview**
- **Executive Order 13423**
- **DoD's Green Procurement Program**
- **USDA Biobased Products Update**
- **DoD Green Procurement Reporting Tools**
- **DoD Success Stories**
- **DoD's Priorities and Initiatives**



GPP Drivers



- **Farm Security and Rural Investment Act (2002), Section 9002**
- **Section 104 of the Energy Policy Act (EPAct) (2005)**
- **Resource Conservation and Recovery Act, Section 6002**
- **Federal Acquisition Regulation (FAR)/Defense Federal Acquisition Regulations Supplement (DFARS)**
- **Guidelines for Designating Biobased Products for Federal Procurement; Final Rule, 7 CFR Part 2902 (January 2005)**
 - Designation of Biobased Items for Federal Procurement; Final Rule (2006)
- ***Comprehensive Procurement Guidelines for Products Containing Recovered Materials, 40 CFR Part 24***
- **E.O. 13423 “*Strengthening Federal Environmental, Energy, and Transportation Management*” (2007)**



E.O. 13423 Highlights



- **E.O. 13423 requires federal agencies to:**
 - Improve energy efficiency and reduce energy and water consumption intensity
 - Purchase at least half of the renewable energy from sources placed into services after January 1, 1999, when meeting EPAct requirements
 - Provide GPP training
 - Purchase green goods and services
 - Reduce the quantity of toxic and hazardous chemicals and materials
 - Incorporate waste prevention and recycling into daily operations
 - Comply with the Guiding Principles for Federal Leadership in High Performance and Sustainable Buildings for new construction



Green Procurement Components



- **Recycled content products, also known as Comprehensive Procurement Guidelines (CPG)**
- **EnergyStar® and energy-efficient products**
- **Alternative fuel vehicles/alternative fuels**
- **Biobased products**
- **Non-ozone depleting substances (ODSs)**
- **Environmentally Preferable Products (EPP)**
- **Low or non toxic or hazardous chemicals**
- **Electronics with environmentally preferable attributes**
- **Water Efficient products**



DoD's Green Procurement Program



- **Educate Department employees on the GPP**
- **Increase purchases of green products and services**
- **Reduce the amount of solid waste generated**
- **Reduce consumption of energy and natural resources**
- **Expand markets for green products and services**

DoD's GPP Goal = 100% compliance with mandatory federal GPP programs in all acquisition transactions



DoD's GPP Strategy



- **DoD established a GPP policy and strategy in August 2004**
 - Guidance for the acquisition of environmentally preferable products and services in accordance with federally-mandated “green” procurement preference programs
 - Each DoD Component has issued a GPP policy and plan
- **In November 2008, the DoD GPP Strategy was updated**
 - Reflects current legislation and guidance, incorporating biobased, EPEAT, FEMP, and other “green” products



DoD's GPP and Biobased Products



- **Biobased products provide a sound alternative in a variety of DoD operations and applications**
- **Biobased items replace non-renewable fossil energy-based products derived from imported oil and natural gas**
- **DoD supports the USDA's efforts to promote biobased products**
- **DoD intends to expand its use of biobased products based on successes already achieved**



DoD GPP Reporting Tools



- **DoD EMALL**
 - Uses a green tree icon to identify environmentally preferable attributes
 - Reporting features by Component
 - <https://emall6.prod.dodonline.net/main/>
- **Environmental Reporting Logistics System – Green Procurement Report (ERLS GPR)**
 - Tracks environmentally friendly purchases



DoD Success Highlights



- **Air Force Successes in Alternative Fuel and Fuel Conservation in Transportation**

- *2007 Closing the Circle Awards Honorable Mention**

- Conservation and alternative energy use integrated into all activities, making energy a consideration in every aspect of operations and acquisition
 - B-52 flight test and ground vehicle biobased fuel use
 - Earned AFV acquisition credits amounting to 117% of its covered vehicle acquisitions
 - o 42 percentage point higher than EPAct mandate



Edwards AFB tests alternative jet engine fuel in B-52, September 2006



DoD Success Highlights



- **Pentagon Renovation
Sustainable Design/Green Building**

2007 White House Closing the Circle Award Winner

- Energy and water efficient products
 - o Low-maintenance landscaping
- Recycled content materials
 - o Over 85% of construction waste was diverted
 - o Over 13% recycled content materials used in the building
- Indoor Air Quality
 - o Green housekeeping plan to reduce toxic chemical use





DoD's Priorities and Initiatives



- **Updated the DoD GPP Strategy**
- **Released GPP Training (DAU)**
 - Provides an opportunity to learn about integrating environmental sustainability into purchasing decisions and practices
- **Incorporate GPP-related FAR/DFARS clauses into our contracts**
 - New FAR cases include EPEAT, energy, recovered materials, and biobased products
- **Enhance existing procurement reporting tools to capture green purchases (DoD EMALL)**



DoD's GPP Workgroup



- **DUSD(I&E) and DUSD(AT&L)/DPAP are co-stewards of DoD's Green Procurement Program Workgroup**
- **Collaborates across the Department**
 - Federal reporting requirements
 - Training
 - Executive Order compliance
- **Promotes and integrates DoD's GPP**
 - Use of biobased products across all levels of the Department



Questions?



David Asiello

ODUSD(I&E)

(703) 571-9068

David.Asiello@osd.mil

Sandra Ross

ODUSD(AT&L)/DPAP

(703) 695-9774

Sandra.Ross@osd.mil

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visit the Defense Environmental Network and
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